

ABSTRACT

The present invention provides a method for preserving an oxygen infusion comprising an aqueous suspension of molecular assemblies which contain hemoglobin or a heme compound, by

- a) non-covalently modifying the molecular assemblies with polyoxyethylene; and
- b) converting the hemoglobin or the heme compound into a deoxy-form by removing oxygen from the suspension.

The present invention also provides an oxygen infusion, comprising a suspension of molecular assemblies comprising hemoglobin or a heme compound, the assemblies being non-covalently modified with polyoxyethylene; where hemoglobin or heme compound is in a deoxy-form.